

June 27, 2017

VIA HAND DELIVERY

Marlene H. Dortch, Secretary Federal Communications Commission Office of the Secretary 445 12th Street, S.W., Room TW-A306 Washington, DC 20554

Accepted / File PRIGINAL

JUN 27 2017

Federal Communications Commission Office of the Secretary

Re: WT Docket No. 10-208

Union Telephone Company

Union Telephone Company

FCC Form 690 Mobility Fund Phase I Annual Report

SAC(s): 518001, 518002, 518003, 518004, 518005, and 518006

Dear Secretary Dortch:

Please find attached a copy of each FCC Form 690 Mobility Fund Phase I Annual Report ("FCC Form 690") submitted with the Universal Service Administrative Company (USAC) by Union Telephone Company pursuant to Section 54.1009 of the Commission's rules. Copies of the FCC Form 690 are also being submitted with the relevant state Commission.

A copy of this cover letter has been provided, which you are requested to date-stamp and return.

Sincerely,

Todd Slamowitz

Attachments

No. of Copies rec'd ○ ▼ List ABCDE

	Fund - \$54.1009 Annual Reporting lection Form		Avg. Burd	FCC Form Approved by OMB OMB 3060-1185 en Estimate per Respondent: 18 Hours
<010>	Study Area Code	518001		_
<015>	Study Area Name	Union Telephone Company		
<020>	Program Year	2017		
<030>	Contact Name: Person USAC should contact with questions about this data	Chris Reno		Accepted / Filed
<035>	Contact Telephone Number: Number of the person identified in data line <030>	3077826131 ext.		JUN 272017
<039>	Contact Email: Email of the person identified in data line <030>	creno@Unionwireless.com		Federal Communications Commission Office of the Secretary
U1118908714111	andra and the state of the stat	and the state of the	///	of the Secretary
<040>	Has the information required pursuant to §54.1009	been provided with a Form 481 filing (Y/N	1 <040>	0
	<041> Attach a description of the documents file	ed with the Form 481 reporting	<041> 508003	-Line 041.pdf
	<042> Cite the Study Area Code (SAC) for the Fo	rm 481 reporting	<042> 51990	5
<080>	Tribal Lands Reporting (y/n?) (Does this study area cover	er tribal lands? Yes or No)	0	•

Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements) Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERM, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

(050) Carr	ler Contact Form			FCC Form 690 Approved by OMB OMB Control No. 3060-1185
				Page 2 of 8
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<010>	Study Area Code		518001	, equa
<015>	Study Area Name		Union Telephone Company	
<020>	Program Year Contact Name - Person USAC should contact regarding	this data	2017	
<035>	Contact Telephone Number - Number of person identifi		Chris Reno 3077826131 ext.	
<039>	Contact Email Address - Email Address of person identi		creno@Unionwireless.com	
Reporting	Carrier / Mobility Fund Phase 1 Winning Bidder			
<110>	FCC Registration Number	1630201		
<111>	Filing Carrier Name	UNION TELEPHONE COM	PANY	
<112>	Winning Bidder Carrier Name	UNION TELEPHONE COM	***	
<113>	Street Address (or PO Box)	PO BOX 160	FANI	
<114>	City	MOUNTAIN VIEW		
<115>	State			
		WY		
<116> <117>	Zip-Code Telephone Number	82939		
<118>	Fax Number	3077826131 ext.		
<119>	Email Address	3077826913		
11132	Linan Address	CRENO@UNIONWIRELESS	. COM	
Contact In	<u>nformation</u>	l		
	if same as above, indicate in this box			
<120>	Name (First, MI, Last, Suffix)	CHRIS RENO		
<121>	Filing Carrier Name	UNION TELEPHONE COM	PANY	
<122>	Street Address (or PO Box)	PO BOX 160		
<123>	City	MOUNTAIN VIEW		
<124>	State	WY		
<125>	Zip-Code	82939		
<126>	Telephone Number	3077826131 ext.	-	
<127>	Fax Number	3077826913		<u> </u>
<128>	Email Address	CRENO@UNIONWIRELESS	COM	
<u>Authorize</u>	d Agent Information if no agent, indicate in this box			
<130>	Name (First, MI, Last, Suffix)			
<131>	Company			
<132>	Street Address (or PO Box)			
<133>	City			
<134>	State			
<135>	Zip-Code			
<136>	Telephone Number			
<137>	Fax Number			
<138>	Email Address			

(060) Coverage and Performance I	Report	2.0	FCC Form 690
			Ap proved by OMB
			OMB Control No. 3060-1185
			Page 3 of 8

<010>	Study Area Code	518001
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
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<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com
<140>	Coverage and Performance Report Year 06/2016 - 06/2017	

060	Coverage	and	Performance	Report.zip

Coverage and Performace attachments

<141>

<a15< th=""><th>42></th><th><a3></a3></th><th> \$14></th><th><62></th><th><b3></b3></th><th><c1></c1></th><th><c2></c2></th><th><c3></c3></th><th><d>>"</d></th></a15<>	42>	<a3></a3>	 \$14>	<62>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d>>"</d>
State	County	Census Block	-	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performance data is uploaded (Yes/no)
			9	ee attach	ed works	heet	<u> </u>		

,	0		84
Percentage of Total	i	Percentage of Total	
Population Reached by		Road Miles covered	
Service		by Service	

(070) Urban Rate Comparabilit	y Certification Compliance			orm 690 wed by OMB
		attended to	OMB Page	Control No. 3060-1185 4 of 8

<010>	Study Area Code	518001
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<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
1000	Contact receptions trainber trainber of person facilities in data line 4050s	

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

Certification of Officer or Employee as to Compliance with 47 CFR §54.1009(a)(4)					
certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this orm and in any attachments is accurate.					
Name of Reporting Carrier: Unio	n Telephone Company				
Signature of Authorized Officer:	CERTIFIED ONLINE		Date 06/26/2017		
Printed name of Authorized Officer:	Chris Reno				
Title or position of Authorized Officer:	Director of Accounting	3			
Telephone number of Authorized Officer:	3077826131 ext.				
Study Area Code of Reporting Carrier:	518001	Filing Due Date for this form: 07/03/201	17		
Persons willfully making false statemen	'	by fine or forfeiture under the Communications Act of 1934, e 18 of the United States Code, 18 U.S.C. § 1001.	47 U.S.C. §§ 502, 503(b), or fine or imprisonment		

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

Certification of Officer or Employee to authorize	e an Agent to file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier			
ertify that (Name of Agent)is authorized to submit the information reported on behalf of the reporting				
	orting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the			
authorized agent; and, to the best of my knowledge, the reports	and data provided to the authorized agent is accurate.			
Name of Authorized Agent:				
Name of Reporting Carrier:				
Signature of Authorized Officer or Employee:	Date:			
Printed name of Authorized Officer or Employee:				
Title or position of Authorized Officer or Employee:				
Telephone number of Authorized Officer or Employee:				
Study Area Code of Reporting Carrier:	Filing Due Date for this form:			
	nished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment der Title 18 of the United States Code, 18 U.S.C. § 1001.			

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authori	zed to File Compliance with 47 CFR §54.1009(a)(4) on	Behalf of Reporting Carrier
	ized to submit the certification on behalf of the reporting carr ny knowledge, the information reported herein is accurate.	ier; I have provided the data reported herein based or
Name of Reporting Carrier:		
Name of Authorized Agent Firm:		
Signature of Authorized Agent or Employee of Agent:		Date: 06/26/2017
Name of Authorized Agent Employee:		·
itle or position of Authorized Agent or Employee of Agent		
Telephone number of Authorized Agent or Employee of Age	nt:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:	

86) Triba	Lands Reporting			FCC Form 690 Approved by GMB OMB Control No. 3060-1185
				Page 5 of 8
<010>	Study Area Code		518001	
<015>	Study Area Name		Union Telephone Company	
<020>	Program Year	this data	2017	
<030> <035>	Contact Name - Person USAC should contact regarding to Contact Telephone Number - Number of person identifi		Chris Reno > 3077826131 ext.	
<039>	Contact Email Address - Email Address of person identif			
<142>	State			
<143>	County			
<144>	Tribal Land(s) on which ETC Serves			
				· ·
<145>	Tribal Government Engagement Obligation	Name of Attached Doc	rument / ndfl	
		Nume of Attached Doc	umem (.paj)	
			,	
	If your company serves Tribal lands, please select (Yes, each of these boxes to confirm the status described on		tor	
	PDF, on line 145, demonstrates coordination with the 1			
	government pursuant to § 54.1004 includes:			
		Г	Calast	
			Select (es, No, Not Applicable)	
<146>	Needs assessment and deployment planning with a foo			
	community anchor institutions;	ļ		
<147>	Feasibility and sustainability planning;	-		
<148>	Marketing services in a culturally sensitive manner;	-		
<149>	Compliance with Rights of way processes	<u> </u>		
<150>	Compliance with Land Use permitting requirements			
<151>	Compliance with Facilities Siting rules			
<152>	Compliance with Environmental Review processes			
<153>	Compliance with Cultural Preservation review processe	s		

<154> Compliance with Tribal Business and Licensing requirements.

(090) Project	Update information		FCC Form 690	
			Approved by OMB	
			OMB Control No. 3060-1185	
			Page 6 of 8	
<010>	Study Area Code	5180	001	
<015>	Study Area Name	Unio	on Telephone Company	
<020>	Program Year	2017	7	
<030>	Contact Name - Person USAC should contact regarding this data		is Reno	
<035>	Contact Telephone Number - Number of person identified in data line <030>		7826131 ext.	
<039>	Contact Email Address - Email Address of person identified in data line <030>	cren	no@Unionwireless.com	
		ſ		
<200>	Date Authorized to Receive Support	Į	07/29/2013	
<201>	Targeted Completion Date		07/30/2016	
<202>	Total Mobility Fund Support Awarded			
<203>	Total Mobility Fund Support Disbursed	Ī		
	,	ı		
<210>	Actual Completion Date			
<211>	Project Status Description (attached)		508001_Carbon WY-1_PSD.pdf	
		Į		
	Discourse of the second of the		{Name of PDF attached}	
	Please check these boxes below to confirm that the attached PDF, on line			
	211, contains a project status pursuant to §54.1005(b)(2)(v). The information			
	shall be submitted as appropriate.	_		
<212>	Status of Network Deployment - Network Design	<u> </u>	✓	
<213>	Status of Network Deployment - Construction		✓	
<214>	Status of Network Deployment - Deployment	<u> </u>	✓	
<215>	Status of Network Deployment - Maintenance	_	<u>✓</u>	
<216>	Project Budget Status		✓	
<217>	Project Plan Status		✓	
			_	
<218>	Network will Support 3G/4G Mobile Service ?) 3G	G 💽 4G	

(101) Certification - Reporting Carrier		1	FCC Form 690
(1004) Certaination Reporting Courts		the second second second	Approved by OMB
And the second s			OMB Control No. 3060-1185
	2000		Page 7 of 8

<010>	Study Area Code	518001
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	Chris Reno
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

I certify that I am an officer of the reporting carrier: my responsibilitie	es include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the
best of my knowledge, the information reported on this form and in a	
Name of Reporting Carrier: Union Telephone Company	
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/26/2017
Printed name of Authorized Officer: Chris Reno	
Title or position of Authorized Officer: Director of Accounting	
Telephone number of Authorized Officer: 3077826131 ext.	
Study Area Code of Reporting Carrier: 518001	Filing Due Date for this form: 07/03/2017

under Title 18 of the United States Code, 18 U.S.C. § 1001.

(102) Certification - Agent / Carrier		FEC Form 690
		Approved by OMB
		OMB Control No. 3060-1185
		Page 8 of 8

<010>	Study Area Code	518001
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	Chris Reno
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

Certification of Officer to Authoriz	e an Agent to File for Mobility Fund Recipients on Behalf	of Reporting Carrier
i certify that (Name of Agent)_ also certify that I am an officer of the reporting carrier; agent; and, to the best of my knowledge, the reports an	my responsibilities include ensuring the accuracy of the data rep	e information reported on behalf of the reporting carrier. I porting requirements provided to the authorized
Name of Authorized Agent:	***	
Name of Reporting Carrier:		
Signature of Authorized Officer:		Date:
Printed name of Authorized Officer:		
Title or position of Authorized Officer:		
Telephone number of Authorized Officer:		
Study Area Code of Reporting Carrier:	Filing Due Date for this form:	
Persons willfully making false statements on this form of	an be punished by fine or forfeiture under the Communications Act of 1934 under Title 18 of the United States Code, 18 U.S.C. § 1001.	4, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized	d to File for Mobility Fund Recipients on Behalf of	Reporting Carrier
l, as agent for the reporting carrier, certify that I am authorize reported herein based on data provided by the reporting carri		
Name of Reporting Carrier:		
Name of Authorized Agent Firm:		
Signature of Authorized Agent or Employee of Agent:	****	Date: 06/26/2017
Name of Authorized Agent Employee:		
Title or position of Authorized Agent or Employee of Agent		
Telephone number of Authorized Agent or Employee of Agent:		
Study Area Code of Reporting Carrier:	Filing Due Date for this form:	
Persons willfully making false statements on this form can b	e punished by fine or forfeiture under the Communications Act of 18 of the United States Code, 18 U.S.C. § 1001.	1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title

Attachments

FCC Form 690 Approved by OMB OMB Control No. 3060-1185

<010>	Study Area Code	518001
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	Chris Reno
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com
<140>	Coverage and Performance Report Year	06/2016 - 06/2017

<141>

<=1>	GP20	<63×.	خلوات :	<bz></bz>	distr.	<e1></e1>	462 >;	<c3></c3>	₹ 4 5
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
WY	Carbon	T56007968000	0	0	0	2559.68	2150.13	2150.13	Yes
							<u> </u>		
				:					

Percentage of
Total Population
Reached by
Service

0		

Percentage of Total Road Miles covered by Service

84		



Study Area Code: 518001 Study Area Name: Carbon, WY

Program Year: 2016 Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Carbon-1

PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

Overlay Sites

- 5 each
 - o New hardware Required
 - New Node B Base Station gear \$60,000 each
 - New Microwave gear for IP Backhaul \$ 150,000 each
 - Upgrades to tower antenna complex \$20,000 each
 - Labor to related projects \$50,000 each

Each overlay site estimated at \$300,000 cost each, total \$1,500,000 capital contribution

New Sites

- 5 each
 - New hardware Required
 - Tower installation
 - Leasing, zoning, permitting costs \$65,000 each
 - Tower site construction \$75,000 each
 - Tower Steel \$45,000 each
 - Lines, antennas, generators \$50,000 each
 - New Node B Base Station gear \$60,000 each
 - New Microwave gear for IP Backhaul \$50,000 each
 - Upgrades to tower antenna complex \$5,000 each
 - Labor to related projects \$50,000 each

Each overlay site estimated at \$400,000 cost each, for a \$2,000,000 total capital contribution for new sites.

Other related projects include 1 fiber to the site backhaul upgrade which will cost roughly \$350,000.

This totals roughly \$3.85 million in capital costs related to the build out.

Union is projecting incremental operating expenses for this site over 5 years to be \$4.29 million.



Study Area Code: 518001 Study Area Name: Carbon, WY

Program Year: 2016 Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@iinionwireless.com</u> Carrier Reference Name: Carbon-1

BUDGET STATUS -

Core Network and Middle Mile Backhaul Upgrades:

\$1,246,843.42

Carbon WY-1 3G HSPA+:

\$1,105,552.02

Total Support Applied to Design/Construction/Deployment:

\$2,352,395.44 - ON BUDGET

Total Support Applied to Maintenance:

\$0 - ON BUDGET

FCC Form 690

Mobility Fund Phase 1-§54.1009 Annual Reporting Line 041: Description of Documents filed with Form 481

The documents filed with FCC Form 481 in its Annual report include:

- Unfulfilled Service Requests (voice), if any.
- Service Quality Standards & Consumer Protection Rules Compliance.
- Functionality in Emergency Situations.
- Tribal Government Engagement Obligations.
- Voice Services Rate Comparability Certification.

FCC FORM 690

(060) COVERAGE AND PERFORMANCE REPORT

Union Telephone Company ("Union") completed the coverage/performance testing for this SAC during the reporting period. The drive test data and associated coverage files provided herein were provided in its Payment Request 3 Form 690 submitted for this SAC. Further, the covered eligible road miles per census block set forth in Line 141 herein is the same covered eligible road miles per census block reported in its Payment Request 3 Form 690 submitted for this SAC.

	Fund §54:1009 Annual Reporting Jection Form		Avg. Burd	FCC Form Approved by OMB OMB 3060-1185 en Estimate per Respondent: 18 Hours
<010>	Study Area Code	518002		
<015>	Study Area Name	Union Telephone Company		
<020>	Program Year	2017		
<030>	Contact Name: Person USAC should contact with questions about this data	CHRIS RENO	·····	Accepted / Filed
<035>	Contact Telephone Number: Number of the person identified in data line <030>	3077826131 ext.		Accepted / Filed
<039>	Contact Email: Email of the person identified in data line <030>	creno@Unionwireless.com		Federal Communications Commission Office of the Secretary
<040>	Has the information required pursuant to §54.1009 <041> Attach a description of the documents file <042> Cite the Study Area Code (SAC) for the Fo	ed with the Form 481 reporting		C-Line 041.pdf
<080>	Tribal Lands Reporting (y/n?) (Does this study area cover	r tribal lands? Yes or No)	0	•

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<010>	Study Area Code		518002	
<015>	Study Area Name		Union Telephone Company	
<020> <030>	Program Year Contact Name - Person USAC should contact regarding to	this data	2017 CHRIS RENO	
<035>	Contact Telephone Number - Number of person identifi		3077826131 ext.	
<039>	Contact Email Address - Email Address of person identif		creno@Unionwireless.com	
Reporting	Carrier / Mobility Fund Phase 1 Winning Bidder			
<110>	FCC Registration Number	1630201		
<111>	Filing Carrier Name	UNION TELEPHONE COME	PANY	
<112>	Winning Bidder Carrier Name			
<113>	Street Address (or PO Box)	UNION TELEPHONE COME PO BOX 160	PANI	
		MOUNTAIN VIEW		
<114>	City			· · · · · · · · · · · · · · · · · · ·
<115>	State	WY		
<116>	Zip-Code	82939		
<117>	Telephone Number	3077826131 ext.		
<118>	Fax Number	3077826913		
<119>	Email Address	CRENO@UNIONWIRELESS	. СОМ	
<pre>Contact In</pre>	if same as above, indicate in this box Name (First, MI, Last, Suffix) Filing Carrier Name Street Address (or PO Box) City State Zip-Code Telephone Number Fax Number Email Address	CHRIS RENO UNION TELEPHONE COMP PO BOX 160 MOUNTAIN VIEW WY 82939 3077826131 ext. 3077826913 CRENO@UNIONWIRELESS.		
<u>Authorize</u>	d Agent Information if no agent, indicate in this box ✓			
<130>	Name (First, MI, Last, Suffix)			
<131>	Company			
<132>	Street Address (or PO Box)			
<133>	City			
<134>	State			
<135>	Zip-Code			
<136>	Telephone Number			
<137>	Fax Number		-	
<138>	Email Address			
	•			

(060) Coverage and Performance Report	FCC Form 690
	Ap proved by OMB
	OMB Control No. 3060-1185
	Page 3 of 8

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<140>	Coverage and Performance Report Year 06/2016 - 06/2017	

508002WY060.zip	 -		

Coverage and Performace attachments

<141>

<al></al>	<a2>></a2>	<a3></a3>	 ch1> Resident	 kb2> Resident Population	 total Resident Population	Road	Road Miles per Census Block	Total Road Miles covered per	Certify that Coverage and Performance data is uploaded
State	County	Census Block	Population per	Newly Reached by Service		Census Block	Newly Reached	Census Block	(Yes/no)
			(See attach	ed works	heet			

Ī	0		84
Percentage of Total		Percentage of Total Road Miles covered	
Population Reached by Service		by Service	

(070) Urban Rate Comparability Certification Compilance		FCC Form 690	1,000
	(3 m d).	Approved by ON	
		OMB Control No	o, 3060-1185
		Page 4 of 8	

<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
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<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

e information reported on this
Date 06/26/2017
3(

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

Certification of Officer or Employee to authorize an Agent to file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier		
ertify that (Name of Agent)is authorized to submit the information reported on behalf of the reporting		
	arrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the	
authorized agent; and, to the best of my knowledge, the reports and da	a provided to the authorized agent is accurate.	
Name of Authorized Agent:		
Name of Reporting Carrier:		
Signature of Authorized Officer or Employee:	Date:	
Printed name of Authorized Officer or Employee:		
Title or position of Authorized Officer or Employee:		
Telephone number of Authorized Officer or Employee:		
Study Area Code of Reporting Carrier:	Filing Due Date for this form:	
	r fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment 18 of the United States Code, 18 U.S.C. § 1001.	

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authori	zed to File Compliance with 47 CFR §54.1009(a	a)(4) on Behalf of Reporting Carrier
, as agent for the reporting carrier, certify that I am autho lata provided by the reporting carrier; and, to the best of		rting carrier; I have provided the data reported herein based or urate.
lame of Reporting Carrier:		
lame of Authorized Agent Firm:		
ignature of Authorized Agent or Employee of Agent:		Date: 06/26/2017
lame of Authorized Agent Employee:		
itle or position of Authorized Agent or Employee of Agent		
elephone number of Authorized Agent or Employee of Age	ent:	
tudy Area Code of Reporting Carrier:	Filing Due Date for this form:	

80) Triba	Lands Reporting			FCC Form 690 Approved by OMB
	The control that the control of the			OM8 Control No. 3060-1185
				Page 5 of 8
<010>	Study Area Code		518002	
<015>	Study Area Name		Union Telephone Company	
<020>	Program Year Contact Name - Person USAC should contact regarding the	his data	2017 CHRIS RENO	
<030> <035>	Contact Telephone Number - Number of person identifie		3077826131 ext.	
<039>	Contact Email Address - Email Address of person identifi			
<142>	State			
<142>	State			
.4.40.	Country			
<143>	County _			
<144>	Tribal Land(s) on which ETC Serves			
	-			
<145>	Tribal Government Engagement Obligation			
		Name of Attached Docu	ment (.pdf)	
	If your company serves Tribal lands, please select (Yes, N	No, Not Applicable) fo	or	
	each of these boxes to confirm the status described on t			
	PDF, on line 145, demonstrates coordination with the T government pursuant to § 54.1004 includes:	ribal		
	government pursuant to 3 34.1004 includes.			
			Select	
		1 '	es, No, Not Applicable)	
<146>	Needs assessment and deployment planning with a foc	us on Tribal		
-1.47:	community anchor institutions;			
<147> <148>	Feasibility and sustainability planning; Marketing services in a culturally sensitive manner;	-		
<148>	Compliance with Rights of way processes	-		
		 -		
<150>	Compliance with Land Use permitting requirements			
<151>	Compliance with Facilities Siting rules	_		
<152>	Compliance with Environmental Review processes	<u> </u>		
<153>	Compliance with Cultural Preservation review processes	5		

<154> Compliance with Tribal Business and Licensing requirements.

(090) Project	Update Information	FCC Form 690
		Approved by OMB >
		OMB Control No.: 3060-1185
		Page 6 of 8
<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	CHRIS RENO
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com
<200>	Date Authorized to Receive Support	07/29/2013
<201>	Targeted Completion Date	07/30/2015
<202>	Total Mobility Fund Support Awarded	2293620.00
<203>	Total Mobility Fund Support Disbursed	764540.00
<210>	Actual Completion Date	07/29/2015
<211>	Project Status Description (attached)	508002_Carbon WY-3_PSD.pdf
	, , , , ,	
		{Name of PDF attached}
	Please check these boxes below to confirm that the attached PDF, on line	
	211, contains a project status pursuant to §54.1005(b)(2)(v). The information	
	shall be submitted as appropriate.	
<212>	Status of Network Deployment - Network Design	✓
<213>	Status of Network Deployment - Construction	✓
<214>	Status of Network Deployment - Deployment	√
<215>	Status of Network Deployment - Maintenance	✓
<216>	Project Budget Status	✓
<217>	Project Plan Status	/

⊙ 3G **○** 4G

<218> Network will Support 3G/4G Mobile Service?

	1	11111111111111111
(101) Certification - Reporting Carrier	FCC Form 690	
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	Approved by OMB	
	The second secon	
	OMB Control No. 3060-1185	
The state of the s	Page 7 of 8	
	Page / Wrg.	

<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	CHRIS RENO
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Unionwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.			
Name of Reporting Carrier: Unic	n Telephone Company		
Signature of Authorized Officer:	CERTIFIED ONLINE	Date 06/26/2017	
Printed name of Authorized Officer:	Chris Reno		
Title or position of Authorized Officer:	Director of Accounting		
Telephone number of Authorized Offic	3077826131 ext.		

Study Area Code of Reporting Carrier: 518002 Filing Due Date for this form: 07/03/2017

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

(102) Certification - Agent / Carrier		FCC Form 690
		Approved by OMB
		OMB Control No. 3060-1185
	42 (500) 200	Page 8 of 8

<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	CHRIS RENO
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	creno@Injonwireless.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

Certification of Officer to Authorize an Agent to File for Mobility Fund Recipients on Behalf of Reporting Carrier			
I certify that (Name of Agent) also certify that I am an officer of the reporting carrier; agent; and, to the best of my knowledge, the reports ar	is authorized to submit the information reported on behalmy responsibilities include ensuring the accuracy of the data reporting requirements provided to data provided to the authorized agent is accurate.		
Name of Authorized Agent:			
Name of Reporting Carrier:			
Signature of Authorized Officer:	Date:		
Printed name of Authorized Officer:			
Title or position of Authorized Officer:			
Telephone number of Authorized Officer:			
Study Area Code of Reporting Carrier:	Filing Due Date for this form:		
Persons willfully making false statements on this form	can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or under Title 18 of the United States Code, 18 U.S.C. § 1001.	r imprisonment	

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized to File for Mobility Fund Recipients on Behalf of Reporting Carrier		
I, as agent for the reporting carrier, certify that I am authorized to submit the reports for Mobility Fund recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.		
Name of Reporting Carrier:		
Name of Authorized Agent Firm:		
Signature of Authorized Agent or Employee of Agent: Date: 06/26/2017		
Name of Authorized Agent Employee:		
Title or position of Authorized Agent or Employee of Agent		
Telephone number of Authorized Agent or Employee of Agent:		
Study Area Code of Reporting Carrier: Filin	ng Due Date for this form:	
	orfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title United States Code, 18 U.S.C. § 1001.	

Attachments

D60) Coverage and Performance Report		FCC Form 690
		Approved by OMB
		OMB Control No. 3060-1185
		COLLECTIVE JUST IN THE COLLECTION

<010>	Study Area Code	518002
<015>	Study Area Name	Union Telephone Company
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	CHRIS RENO
<035>	Contact Telephone Number - Number of person identified in data line <030>	3077826131 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	crenc@Unionwireless.com
<140>	Coverage and Performance Report Year	06/2016 - 06/2017

 <c2> <141> Certify that **Total Road** Coverage and Resident Road Miles **Total Resident** Miles Performacne Population per Census Resident Population **Road Miles** covered per data is uploaded Newly Reached by Service Block Newly Population per Reached by per Census Census Block (yes/no) County Carbon Census Block Block Reached State Census Block Service T56007968100 0 0 964.1 Yes WY 1146.8 0.0

> Percentage of Total Population Reached by Service

ŧ

0		

Percentage of Total Road Miles covered by Service

84		

FCC Form 690

Mobility Fund Phase 1-§54.1009 Annual Reporting Line 041: Description of Documents filed with Form 481

The documents filed with FCC Form 481 in its Annual report include:

- Unfulfilled Service Requests (voice), if any.
- Service Quality Standards & Consumer Protection Rules Compliance.
- Functionality in Emergency Situations.
- Tribal Government Engagement Obligations.
- Voice Services Rate Comparability Certification.



Study Area Code: 518002 Study Area Name: Carbon, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@.unionwireless.com</u> Carrier Reference Name: Carbon WY-3

PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

o New hardware Required

Overlay Sites • 4 each

- New Node B Base Station gear \$60,000 each
- New Microwave gear for IP Backhaul \$ 150,000 each
- Upgrades to tower antenna complex \$20,000 each
- Labor to related projects \$50,000 each

Each overlay site estimated at \$300,000 cost each, total \$1,200,000 capital contribution

New Sites • 1 each

o New hardware Required

- Tower installation
 - Leasing, zoning, permitting costs \$65,000 each
 - Tower site construction \$75,000 each
 - Tower Steel \$45,000 each
 - Lines, antennas, generators \$50,000 each
- New Node B Base Station gear \$60,000 each
- New Microwave gear for IP Backhaul \$50,000 each
- Upgrades to tower antenna complex \$5,000 each
- Labor to related projects \$50,000 each

Each overlay site estimated at \$400,000 cost each, for a \$400,000 total capital contribution for new sites.

This totals roughly \$1.6 million in capital costs related to the build out.

Union is projecting incremental operating expenses for this site over 5 years to be \$1.95 million.



Study Area Code: 518002 Study Area Name: Carbon, WY

Program Year: 2016

Contact Person: Chris Reno
Contact Telephone Number: 36

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@.unionwireless.com</u> Carrier Reference Name: Carbon WY-3

BUDGET STATUS -

Core Network and Middle Mile Backhaul Upgrades:

\$ 1,246,843.42

Carbon WY-3 3G HSPA+:

\$598,558.11

Total Support Applied to Design/Construction/Deployment:

\$1,964,152.24 - OVER BUDGET

Total Support Applied to Maintenance:

\$291,000 - ON BUDGET



Study Area Code: 518002 Study Area Name: Carbon, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Carbon WY-3

PROJECT STATUS DESCRIPTION

SECTION I: DESCRIPTION OF OVERALL PROJECT PLAN

• 3G RNC/MSC/GGSN/SGSN PLUS 4G EPC

In order to launch this system, the necessary 3G and 4G core network needed to be completed and turned operational. This system totals roughly \$3.4 million in network core equipment, which will be shared across all 6 census tracts granted funding to Union Telephone Company in the FCC 901 Mobility Fund.

The core is located in Cheyenne, Wyoming and is fed via dual OC12 networks, giving full redundancy and capacity to support all tower sites related to this project and other network growth on the Union Wireless network. Additional OC12's are already planned as demand increases and also to provide carrier diversity in case of an outage on one particular carriers' network.

STATUS - This portion of the project is complete. Please refer to Section II for more details on the status of the network deployment.

. MIDDLE MILE BACKHAUL

In addition, Union is upgrading its middle mile capabilities in key sections of Wyoming that will allow adequate backhaul facilities to its new 3G and 4G network core.

The first of these upgrades is located in Carbon County, WY between the towns of Hanna and Saratoga. This project connects two new service providers and allow connectivity into several key remote offices within Union Telephone Company's network.

STATUS - This portion of the project is complete. Please refer to Section II for more details on the status of the network deployment.

The second middle mile upgrade was determined to be necessary after 3G/4G deployments in and around the FCC Mobility Fund Phase I deployments starting becoming accessible to consumers. The steep uptake in data services required further upgrades from Rawlins north to the towns of Casper and Riverton to maintain the long-term data speed requirements across all six census tracts as required by fund. Study Area Code: 518002

1



Study Area Name: Carbon, WY

Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@.unionwireless.com</u> Carrier Reference Name: Carbon WY-3

STATUS - This portion of the project is under construction. Please refer to Section II for more details on the status of the network deployment.

• CARBON WY-3 (T56007968100) 3G HSPA+

This project consists of four overlays on Union Telephone facilities, and one new tower on BLM lands.

TYPE OF BACKHAUL - Given the remote nature of sites in and around Wyoming, Union Wireless is using licensed microwave wherever feasible and unlicensed microwave if no available licenses are capable of being obtained. We are targeting at least 25 Mbps of IP backhaul to each cell tower.

SPECTRUM - In this market, we are using a combination of 850 MHz and 1900 MHz to ensure we stay within current CGSA boundaries. All 850 MHz sites fall within existing CGSA boundaries and do not affect existing Union filings, as the intention is to keep GSM fully operational alongside UMTS.

KEY RISKS OR CHALLENGES -The largest risk is unknown aspects of terrain in the region and the ability to get coverage into some of the shadowed areas. This was one reason why HSPA+ technology was selected over LTE, given the much more clear understanding on how to operate and optimize this type of network. HSPA+ has also been chosen in order to ensure data speeds meet or exceed the requirements but also that the voice aspects are also solid in the area as well.

STATUS - This portion of the project is complete.

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NETWORK MAINTENANCE					TWIGI2017

Study Area Code: 518002

Study Area Name: Carbon, WY Program Year: 2016 Contact Person: Chris

Reno Contact Telephone Number: 307-782-6131 Contact Email: creno@unionwireless.com Carrier Reference Name: Carbon-3



PROJECT STATUS DESCRIPTION

SECTION III: PROJECT BUDGET STATUS

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Union

Study Area Code: 518002

Study Area Name: Carbon, WY Program Year: 2016

Contact Person: Chris Reno

Contact Telephone Number: 307-782-6131 Contact Email: <u>creno@unionwireless.com</u> Carrier Reference Name: Carbon-3

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Carbon WY-3 3G HSPA+:

Total Support Applied to Design/Construction/Deployment:

Total Support Applied to Maintenance:

\$ 1,246,843.42

\$598,558.11

\$1,964,152.24 - OVER BUDGET

\$291,000 - ON BUDGET

FCC FORM 690

(060) COVERAGE AND PERFORMANCE REPORT

Union Telephone Company ("Union") completed the coverage/performance testing for this SAC during the reporting period. The drive test data and associated coverage files provided herein were provided in its Payment Request 3 Form 690 submitted for this SAC. Further, the covered eligible road miles per census block set forth in Line 141 herein is the same covered eligible road miles per census block reported in its Payment Request 3 Form 690 submitted for this SAC.